

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2556	(data near2 symbols).clm.	US-PGPUB	OR	ON	2007/07/31 09:00
L2	1685	preamble.clm.	US-PGPUB	OR	ON	2007/07/31 09:00
L3	46	(signal near2 point near2 amplitude).clm.	US-PGPUB	OR	ON	2007/07/31 09:01
L4	1	1 and 2 and 3	US-PGPUB	OR	ON	2007/07/31 09:01
S1	33213	data near2 symbols	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:00
S2	44265	preamble	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/23 11:06
S3	1993	signal near2 point near2 amplitude	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/23 11:06
S4	373245	antenna	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/23 11:06
S5	17691681	((@RLAD<="20030807")(@ad<="20030807"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/23 11:07
S6	4	S2 same S3 and S1 and S5	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 10:07
S7	22	"6738448" "20030043732" "6891817" "6993299" "6785520" "7042955"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 10:11

## EAST Search History

S8	0	S7 and preamble	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 10:11
S9	17693092	((@RLAD<="20030807")(@ad<="20030807"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:11
S10	3	"20020126764"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:13
S11	2	"20020126764" and preamble	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:29
S12	44292	preamble	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:29
S13	1995	signal near2 point near2 amplitude	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:29
S14	7	S12 same S13	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:29
S15	6	S14 and S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:30

## EAST Search History

S16	1639	preamble same amplitude	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:33
S17	259	preamble near3 amplitude	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:34
S18	77	preamble near3 (signal near2 amplitude)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:37
S19	64	S18 and S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:37
S20	7	(preamble near3 (signal near2 amplitude)) same (max maximum)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:38
S21	3	S20 and S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:40
S22	13	S19 and antenna	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 11:40
S23	13	S22 and preamble	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:04

## EAST Search History

S24	63	(preamble near3 (signal near2 (amplitude strength))) and antenna	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:32
S25	46	S24 and S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:05
S26	4	((transmit\$3 near7 preamble) near3 (signal near2 (amplitude strength))) and antenna	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:06
S27	3	S26 and S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:14
S28	1009	second near2 preamble	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:33
S29	2	((second near2 preamble) near3 (signal near2 (amplitude strength))) and antenna	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:32
S30	1	S29 and S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:32
S31	8	(second near2 preamble) near8 (signal near2 (strength amplitude))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:33

## EAST Search History

S32	7	S31 and S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:36
S33	41	AGC near2 control near2 symbol	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:37
S34	28	S33 and S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:37
S35	15	S33 same preamble	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:37
S36	4	S35 and S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/24 12:37
S37	2	"20060189279"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 09:58
S38	31	(preamble (pilot near2 signal) (unique near2 word)) same (signal near2 point near2 amplitude)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:45
S39	17693092	((@RLAD<="20030807")(@ad<="2 0030807"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:00

## EAST Search History

S40	26	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:37
S41	0	S40 and diversity	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:37
S42	2824	second near2 (preamble (pilot near2 signal) (unique near2 word))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:52
S43	494	S42 and diversity	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:52
S44	186	S42 and (diversity near2 antenna)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:53
S45	145	S44 and S39	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:57
S46	19	S42 same (diversity near2 antenna)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:53
S47	17	S46 and S39	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:53

## EAST Search History

S48	45	S45 and (signal near3 amplitude)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 10:37
S49	15	(second near3 preamble) same (diversity near5 antenna)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 10:42
S50	17693733	((@RLAD<="20030807")(@ad<="20030807"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 10:42
S51	4790985	"15" and S50	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 10:43
S52	15	S49 and S50	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 10:50
S53	25	(multiple near2 preamble) same (multiple near2 antenna)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 11:04
S54	7	S53 and S50	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 10:51
S55	3	(multiple near2 preamble) same (diversity near2 antenna)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 11:07

## EAST Search History

S56	8	(transmit near2 multiple near2 preamble)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 11:09
S57	4911	mimo	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 11:09
S58	93	mimo same (signal near3 amplitude)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 11:10
S59	25	S58 and S50	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 11:15
S60	2	S59 and preamble	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 11:10
S61	652	mimo and preamble	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 11:15
S62	136	S61 and S50	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 11:20
S63	120	S62 and symbol	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 11:21



## EAST Search History

S64	90	S62 and (data near2 symbol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 12:55
S65	6	(signal near5 boost) same (number near3 antenna)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 13:51
S66	0	S65 and preamble	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 13:51
S67	10	preamble same (signal near4 boost)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 13:52
S68	276	preamble same ((multiple plurality) near3 antenna)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 13:53
S69	17693733	((@RLAD<="20030807")(@ad<="20030807"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 13:53
S70	106	S68 and S69	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 13:53